

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

1.9
77 E

THE EXTENSION HORTICULTURIST

January, 1927

* * * * *
* * * * *
* HAPPY NEW YEAR *
*
* The Extension Horticulturist has had a vaca- *
* tion since June. It is being revived with the *
* New Year, but under a somewhat different policy. *
* It will not appear on definite dates as formerly, *
* but will be issued whenever there is material at *
* hand for a number. The State Horticultural Ex - *
* tension Specialists are strongly urged to send *
* in items and results of their work which will be *
* of interest and value to workers in other States. *
* If much material is sent in, the Extension Horti- *
* culturist will appear often; if little material *
* is received, there will be fewer numbers. Let us *
* all cooperate in making the Extension Horticul- *
* turist the medium of exchange of ideas, methods *
* and results of our work. *
* * * * *
* * * * *

The Material contained herein is not for pub-
lication except by permission of the cooperating
offices.

OFFICE OF HORTICULTURE, BUREAU
OF PLANT INDUSTRY AND EXTENSION SERIVE COOPERATING.
U. S. DEPARTMENT OF AGRICULTURE,
Washington, D.C.

IN THE OFFICE

Since Mr. Beattie is now devoting most of his time to subject matter in the Office of Horticulture, all lines of horticultural extension work from the Extension Office are handled by Professor C. P. Close, but the closest kind of cooperation is maintained in the work. As there are 44 States doing horticultural extension work, about the best that Professor Close can do is to visit each State every other year. The Southern States will be visited during the late winter and early spring and the far West and other sections later in the year. With only biennial visits he cannot keep in as close touch with the State men as is desired, and it is hoped that the State Specialists will write freely and often to the Federal Office whenever assistance of any kind is desired.

Mr. Beattie plans to visit certain of the Southwestern and Pacific Coast States during February and March for the purpose of obtaining information relative to fruit and vegetable production.

THE 1925 YEARBOOK

The 1925 Yearbook of the U. S. Department of Agriculture is devoted mainly to fruits and vegetables in addition to the Secretary's report and statistics on agriculture. An explanatory footnote reads as follows:

"This article is not intended as a handbook of cultural information on American horticulture, but as a portrayal of the origin and development of the fruit and vegetable industry of the United States and as an expression of its present status and important trends."

The horticultural portion of the book includes 620 pages of text and illustrations, and is a composite of 25 authors who were aided by, at least, 25 cooperators. The work includes the early history and development of the fruit and vegetable industry; a chapter on the nutritive value of fruits, vegetables and nuts; the cultural and economic phases of fruit and vegetable production; the diseases and pests of fruits and vegetables together with their treatment; the manufacture of horticultural products; the marketing of fruits and vegetables; a chapter on Federal and State research; a chapter on the horticultural outlook, and about 110 pages of fruit and vegetable statistics. Including the Secretary's report and general statistical matter, the book comprises 1537 pages.

Plans are now under way to issue the fruit and vegetable portion of the 1925 Yearbook, consisting of about 720 pages, in the form of a special volume or separate, and which will be on sale by the Superintendent of Documents for \$1.00 per copy. Several of the teachers of horticulture in the colleges are already using the Yearbook as a textbook and the issuing of the horticultural part in a much smaller volume will prove a decided advantage for this purpose as it can be procured in any desired number and at a nominal

cost. Copies of the separate or horticultural portion of the 1925 Yearbook will not be available, however, for two or three months.

The final editing and compilation of the horticultural portion of the 1925 Yearbook was handled by Dr. L. C. Corbett, Mr. H. P. Gould, and Mr. W. R. Beattie of the office of Horticulture, acting as a special committee. Owing to the enormity of the task of blending 20 or more separate articles into one composite article, certain omissions and errors have, unavoidably, crept in. These, however, are of minor importance and the book, as a whole, serves the purpose for which it was intended, a "milestone" in the history and progress of American horticulture.

MEETING OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE

The meeting of this Society was held in Philadelphia on December 28-31, 1926. About 85 of the college, experiment station and extension men were present. Practically all of the 90 papers on the program dealt with research problems giving the latest developments in the various phases of horticultural work. During three half-days a vegetable section and a fruit section were on at the same time. Four sessions were of a general nature and of interest to both vegetable and fruit men and one was a joint session with the plant physiologists. There was no extension session.

The research men in this Society are digging out new facts in pruning, fruit bud formation, plant nutrition, soil management, use of fertilizers, plant propagation, use of gases in vegetable ripening and blanching and in many other lines, all of which are of direct use to extension specialists. If the extension horticulturists not at this meeting can have access to the printed report of the meeting, they will find a great deal of information adaptable to their work.

OFFICE VISITORS

On December 27 we had the pleasure of a brief visit from Professor Tiebout of Louisiana who was en route to the meetings in Philadelphia. Professor Tiebout was also going to western Nebraska and to parts of Idaho and Montana for the purpose of encouraging the production of greater quantities of dryland certified seed potatoes for use by the growers of early potatoes in Louisiana. He reports splendid results in the horticultural extension work of the Louisiana State University, especially in the use of purebred seeds. Special attention is being given to securing from abroad a superior strain of cauliflower seed which is being grown in Europe under his direction and is being used by all the best cauliflower growers in Louisiana.

Professor C. D. Mathews, head of the Department of Horticulture of the North Carolina College, was a caller at this office during holiday week. Professor Mathews reports excellent progress in fruit and vegetable extension work which includes pruning, spraying, orchard cover crops, packing, marketing

and other fruit work; home gardens, commercial vegetable growing, and various phases of vegetable production. He had a good word for the cooperation he is receiving both from his co-workers at the college and for the support that he is receiving from the fruit and vegetable growers throughout the State. The peach growers of the Sandhill section of North Carolina were especially hard hit this season on account of low prices due to their crop ripening before the close of the Georgia shipping season. Bulb growing is becoming an important industry in North Carolina.

Mr. Joseph Oskamp, Extension Professor of Pomology of New York, was a caller on January 3rd and attended a conference of the extension specialists. Among other matters, Professor Oskamp was especially looking up information on natural temperature apple storage. Come again, Joe.

We are delighted to have the men from the States call at the Washington office and esteem it a privilege to spend all the time necessary with them.

CHANGES IN PERSONNEL

We would like to know when men enter or leave the horticultural extension service in the States. If this information is sent in it will be given in the Extension Horticulturist. Personal items of this kind are of interest to all of us. It will also enable the Extension Horticulturist to keep its mailing list up to date.

SHARE YOUR EXPERIENCES

Some of the men missed the Extension Horticulturist during the past six months. This means that it has made some impression and it is hoped now with the hearty cooperation of the State men to make it of really great value. Write up your methods, results, ideas and plans and share them with the other men through this medium. There ought to be an abundance of material ready for use now. Let us have it. Our field covers fruits, nuts, vegetables and ornamentals in all of their multitude of shapes, sizes and uses.

HORTICULTURAL EXTENSION PUBLICATIONS RECEIVED DURING JUNE, 1926.

Massachusetts Agricultural College - Amherst

A method for Commercial Control of the Squash Vine Borer.

Ext. Leaflet No. 44 (Revised).

Repairing Injured Trees. Ext. Leaflet No. 47 (Revised).

Raspberry Growing. Ext. Leaflet No. 48 (Revised).

The Home Garden. Ext. Leaflet No. 59 (Revised) March, 1926.

Spraying the Apple Orchard. Ext. Leaflet No. 68 (Revised) Feb. 1926.

The Value for Massachusetts of some of the Newer Varieties of Apples. Ext. Leaflet No. 108. April, 1926.

Massachusetts Agricultural College -Amherst
Pruning Apple Trees. Ext. Leaflet No. 107. April, 1926.
The Progress of Nursery Tree Certification. Ext. Leaflet No. 110.
Michigan State College - East Lansing
Potato Club Work. Club Bul. No. 2 (Revised) May, 1926.
New York College of Agriculture -Ithaca
Potato Diseases and Their Control. Ext. Bul. No. 135. March, 1926.
Potatoes in New York. Ext. Bul. No. 141. May, 1926.
Wisconsin - University of - Madison
Hot Formaldehyde for Potato Seed Treatment. Cir. 202, April, 1926.

HORTICULTURAL EXTENSION PUBLICATIONS RECEIVED DURING JULY, 1926.

Maine - University of - Orono
Growing Peas for Canning. Bul. No. 163. May, 1926.
Maryland - University of - College Park
The Potato Tuber Moth. Cir. No. 57. October, 1925.
Southern Tomato Plants and the Root Knot Disease. Cir. No. 58. Oct. 1925.
New Hampshire - University of - Durham
Production Practices in New Hampshire Orchards. Ext. Cir. 62, May, 1926.
New Jersey State College of Agriculture, New Brunswick
Better Lawns. Ext. Bul. No. 54. June, 1926.
North Carolina State College of Agriculture - Raleigh
The Mexican Bean Beetle. Ext. Folder No. 22. June, 1926.

HORTICULTURAL EXTENSION PUBLICATIONS RECEIVED DURING AUGUST, 1926.

Arkansas - University of - Fayetteville
Early Tomatoes in Arkansas. Ext. Cir. No. 223. June, 1926.
Tomatoes for the Canning Factory. Ext. Cir. No. 224. June, 1926.
Watermelons in Arkansas. Ext. Cir. No. 225. June, 1926.
Idaho - University of - Extension Service - Boise
The Home and Its Surroundings. A series of three mimeographed circulars.
January, 1926.
Massachusetts Agricultural College - Amherst
The Journal of the Market Field Station - monthly mimeographed circular.

HORTICULTURAL EXTENSION PUBLICATIONS RECEIVED DURING SEPTEMBER, 1926.

Connecticut Agricultural College - Storrs
1926 Peach Spray and Dust Calendar.
Indiana - Purdue University - Lafayette
Tomatoes. Ext. Bul. No. 140. June, 1926.
Iowa State College - Ames
Spraying Iowa Orchards. Ext. Bul. No. 134. April, 1926.
The Hot Formaldehyde Dip for Seed Potatoes. Ext. Bul. No. 136. April, 1926.
Kentucky College of Agriculture - Lexington
Orcharding. Revised Cir. No. 118. January, 1926.
The Peach Borer and the Paradichlorobenzene Treatment. Revised Cir.
No. 159. August, 1926.
Louisiana State University - Baton Rouge
Fruits and Vegetables. Ext. Cir. 89, part 111, June, 1926.

North Carolina State College of Agriculture - Raleigh
The Farm and Home Garden Manual. Reprint Cir. No. 122. April, 1926.
South Carolina - Clemson Agricultural College - Clemson College
The Peach Tree Borer. Cir. 81. August, 1926.
Vermont - University of - Burlington
Spray Program for Apple and Pear Trees. Cir. No. 38. March, 1926.

HORTICULTURAL EXTENSION PUBLICATIONS RECEIVED DURING OCTOBER, 1926.

Florida - University of - Gainesville
Vegetable Crops of Florida. Bul. No. 44. June, 1926.
Kentucky - University of - Lexington
Peach Tree Borer Control in Kentucky. Cir. No. 93. September, 1926.
New Jersey - University of - New Brunswick
The Pruning of Young and Bearing Peach Trees in the Orchard.
Ext. Bul. No. 57. June, 1926.
West Virginia College of Agriculture - Morgantown
Control of the Mexican Bean Beetle. Ext. Cir. No. 279. March, 1926.

HORTICULTURAL EXTENSION PUBLICATIONS RECEIVED DURING NOVEMBER, 1926

Oregon Agricultural College - Corvallis
Growing Cannery Beans - mimeographed circular
Asparagus Culture - " "
South Carolina - Clemson Agricultural College - Clemson College
Sweet Potato Storage. Cir. 83. Nov. 1926.

HORTICULTURAL EXTENSION PUBLICATIONS RECEIVED DURING DECEMBER, 1926.

California College of Agriculture - Berkeley
Irrigation by Overhead Sprinkling. Cir. No. 4. November, 1926
Maryland - University of - College Park
More Tomatoes from Fewer Acres. Bul. No. 40. March, 1926.
Massachusetts Agricultural College - Amherst
The Treatment of Girdled Trees 10-1-3
Strawberry Growing in Massachusetts. Ext. Leaflet No. 29 Revised
New Hampshire - University of - Durham
Packing Apples in the Standard Farm Produce Box. Ext. Cir. No. 64. Nov. 1926.
New Jersey State College of Agriculture - New Brunswick
Apples as Food. Ext. Bul. No. 59. November, 1926.
Tennessee College of Agriculture - Knoxville
Potato, Tomato, Sweet Potato, Cabbage, Bean Diseases and Their
Control. Pub. 67 Reprint. May, 1926.
Control of Sweet Potato Diseases. Pub. 98 Reprint. June, 1926.
Guard Your Strawberries Against Insect Pests. Pub. 102, Reprint. June, 1926.
A Spray Program for Apples and Peaches. Pub. 113, reprint. July, 1926.
Control of Insect Enemies of Melons, Cucumbers and Squash. Pub. 115
Reprint. May, 1926.
Pruning the Home Orchard and Vineyard. Pub. 119, reprint. Feb. 1926.
Control of Corn Ear Worm on Tomatoes. Cir. No. 12. June, 1926
Texas Agricultural And Mechanical College - College Station
Peach Culture in Texas. B-21-A
Sweet Potato Growing. C-18. - Watermelon Culture in Texas. C-19
Wisconsin - University of - Madison
Vegetable Gardens. Cir. 132, Revised. October, 1925.

